

CLAIMS:

1. A display device comprising a light source for generating light,
a light guide for transporting the generated light,
a plate which extends parallel in a mutually spaced relationship with the light
guide;

5 a moveable element between the light guide and the plate;
selection means for locally bringing said moveable element into contact with
the light guide for coupling light out of the light guide;
characterized in that the display device comprises collimating means for
collimating the generated light between the light source and the light guide.

10 2. A device as claimed in claim 1, characterized in that the collimating means
comprises a wedge-shaped bar provided with a first surface directed to the light source and a
second surface optically coupled with the light guide and being parallel to the first surface,
the area of the first surface being smaller than the area of the second surface.

15 3. A device as claimed in claim 1, characterized in that the collimating means
comprises an optically transparent plate, wherein a surface of the optically transparent plate is
provided with a structure for enhancing the on-axis brightness.

20 4. A device as claimed in claim 3, characterized in that the surface is provided
with multiple linear prisms.

5. A device as claimed in claim 4, characterized in that the linear prisms are
identical to each other.

25 6. A device as claimed in claim 4, characterized in that the prisms are disposed in
pairs, each pair having first and second prisms and each prism having a prism angle and a
prism valley, wherein either the prism angles or the valley angles, but not both, are equal.

7. A device as claimed in claim 6, characterized in that the prisms are directed to the light guide.

8. A device as claimed in claim 1, characterized in that the selection means
5 comprises row and column electrodes.

9. A device as claimed in claim 1, characterized in that the device comprises means for applying voltages to the row and column electrodes in dependence on a previously applied voltage or voltages on the row and column electrodes.